

Docket No.: 50395-073

OFFICIAL**PATENT**

3
5/1/03
R. Gable

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: **RESPONSE UNDER 37 CFR 1.116**
: **EXPEDITED PROCEDURE**

Eisuke SASAOKA, et al.

:

Serial No.: 09/752,526

: Group Art Unit: 2874

Filed: January 03, 2001

: Examiner: T. Tra

For: RAMAN AMPLIFIER, OPTICAL TRANSMISSION SYSTEM AND OPTICAL FIBER

SECOND AMENDMENT UNDER 37 CFR §1.116

Box AF
Commissioner for Patents
Washington, DC 20231

Sir:

The following Amendment and Remarks are submitted in further response to the Office Action dated November 15, 2002 supplementing the Amendment submitted February 11, 2003, pursuant to the provisions of 37 U.S.C. §1.116.

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TECHNOLOGY CENTER 2800

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252.04 CH Please amend claim 2 as follows.

2. (Twice Amended) A Raman amplifier which is provided with an optical fiber for Raman amplification and a pump light introducing means, said optical fiber transmitting signal light and Raman-amplifying said signal light by pump light introduced thereinto, said pump light introducing means introducing, as said pump light, light having a wavelength that is within the amplification wavelength band of an Er-doped optical fiber amplifier into said optical fiber for